

A blue background with a black silhouette of a landscape. On the left, there are two tall, pointed evergreen trees. At the bottom, there is a jagged silhouette of a mountain range or hills. In the upper right, there is a solid blue circle representing the sun or moon.

NORTHERN GREAT PLAINS SPECIES INVENTORIES

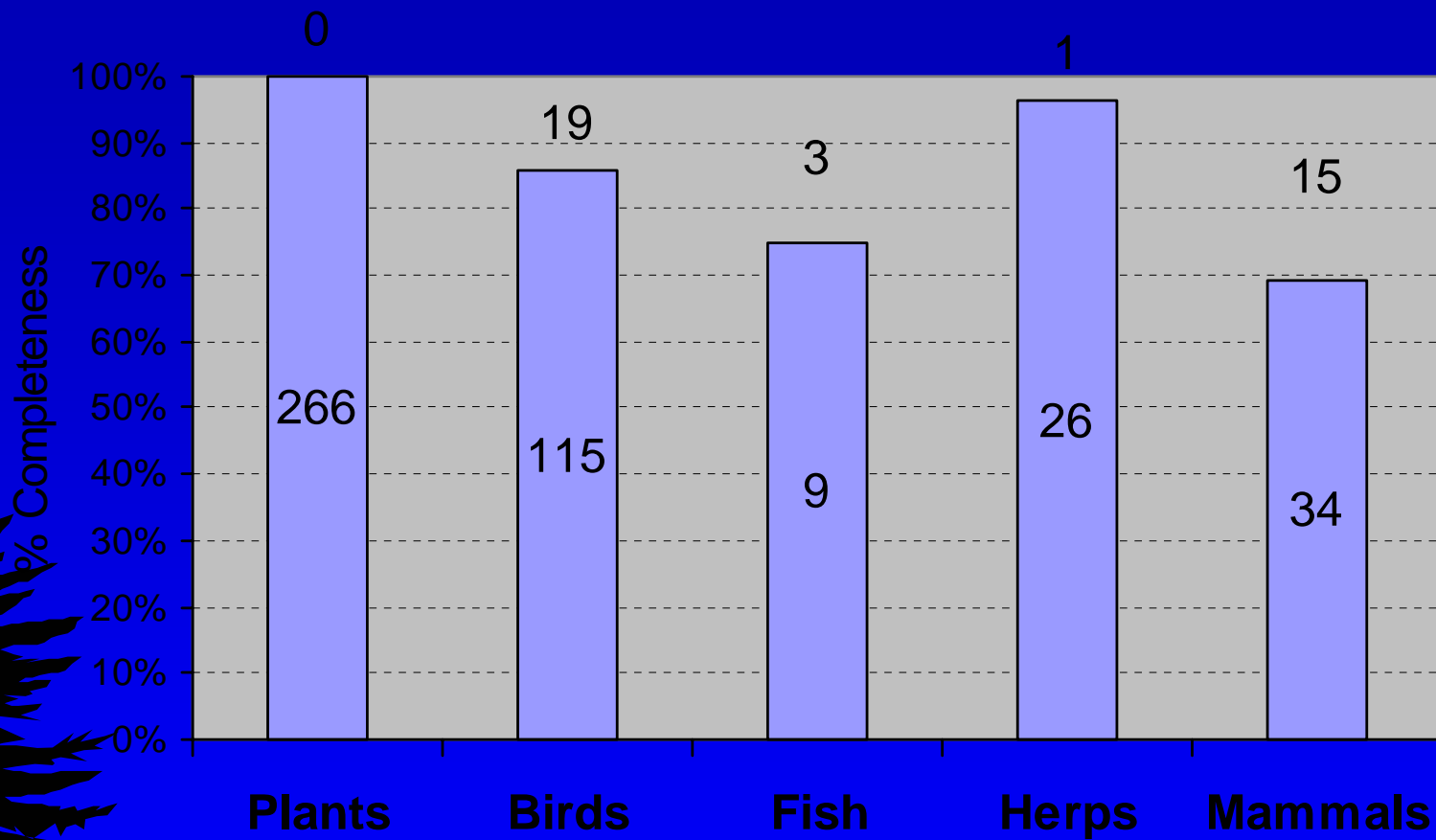
Status as of 1/16/2002

Inventory Objectives

- The primary objectives established by the WASO I&M Program for the vertebrate and vascular plant inventories are:
 - To document the occurrence of at least 90% of the species of vertebrates and vascular plants expected to occur in the park
 - To describe the distribution and relative abundance of species of special concern
 - To provide baseline information needed to develop a general monitoring strategy and design that can be implemented by parks once inventories have been completed

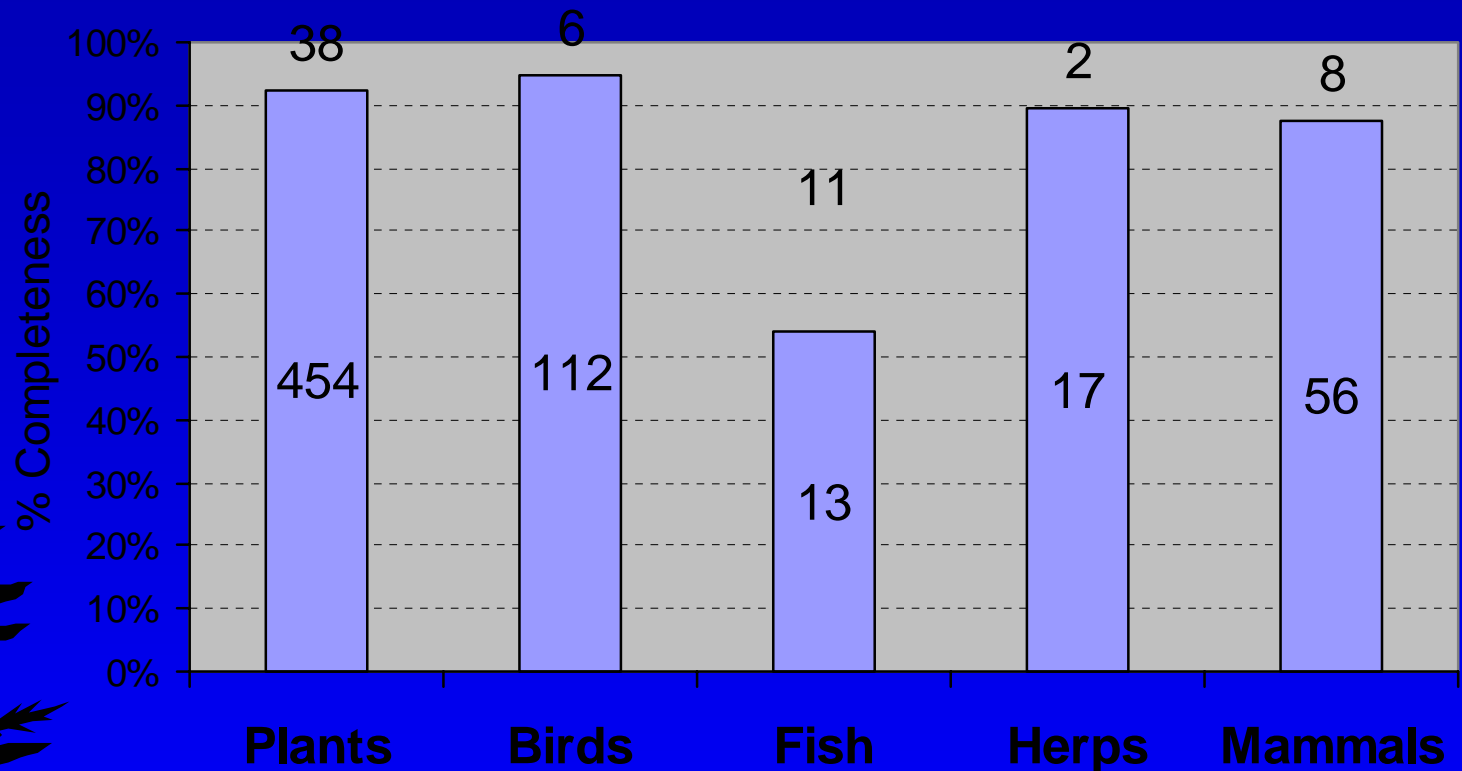
Agate Fossil Beds National Monument

Numbers in bars represent species documented, numbers above bars are undocumented



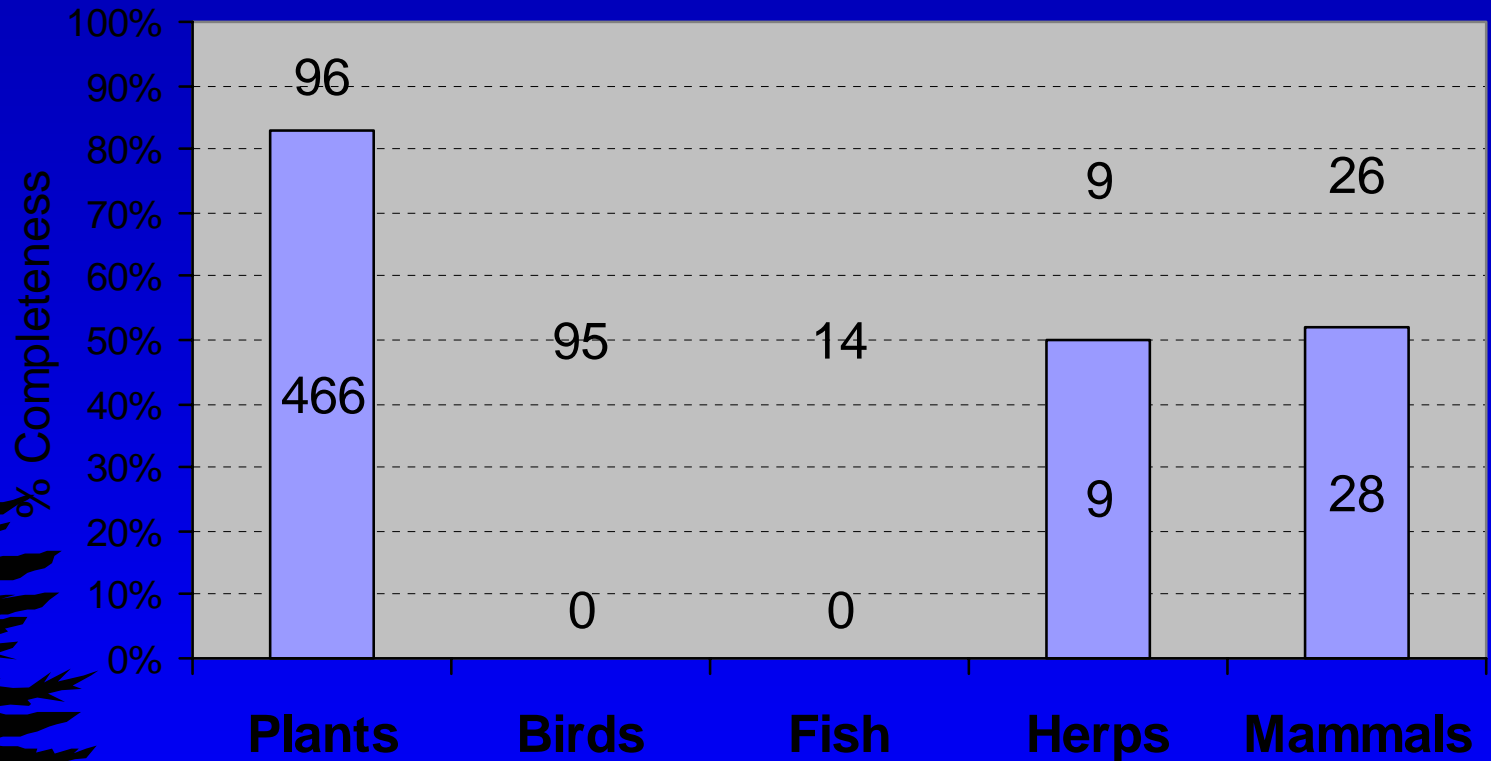
Badlands National Park

Numbers in bar are documented species, numbers above bar are undocumented species.



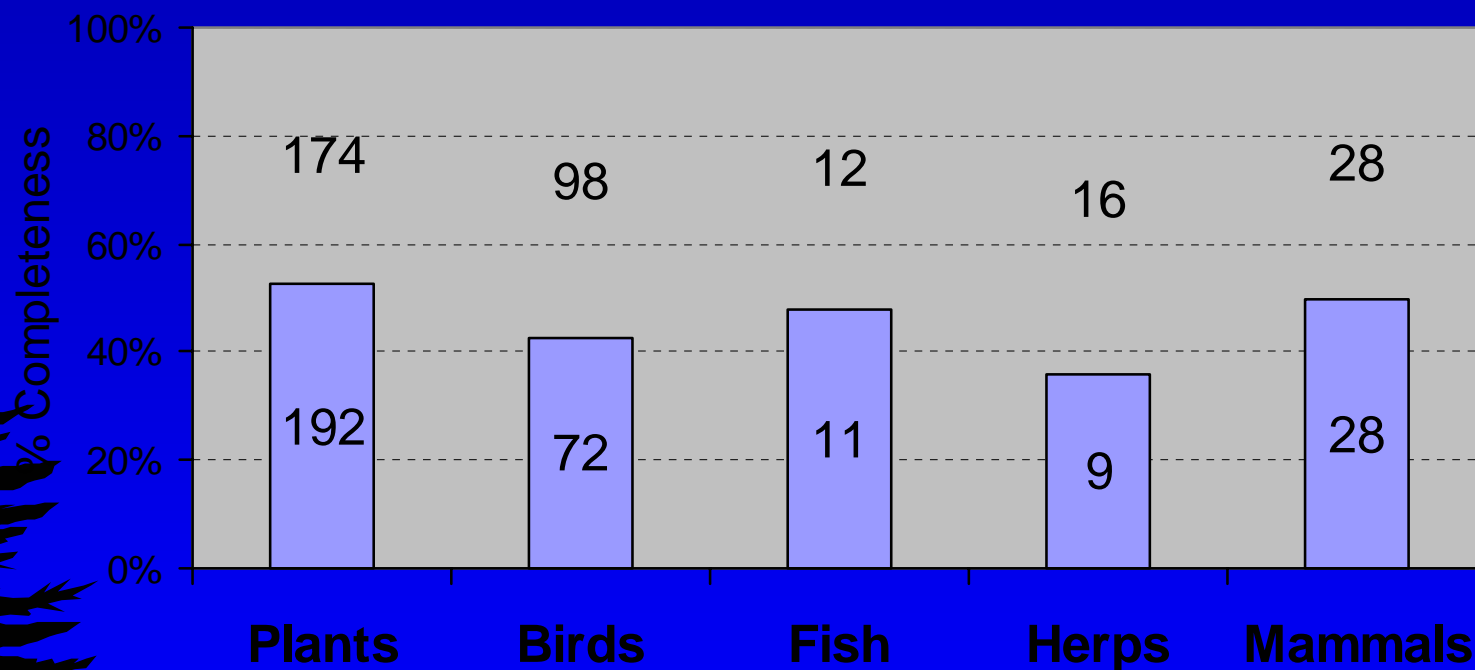
Devils Tower National Monument

Numbers in bar are documented species, numbers above bar are undocumented species.



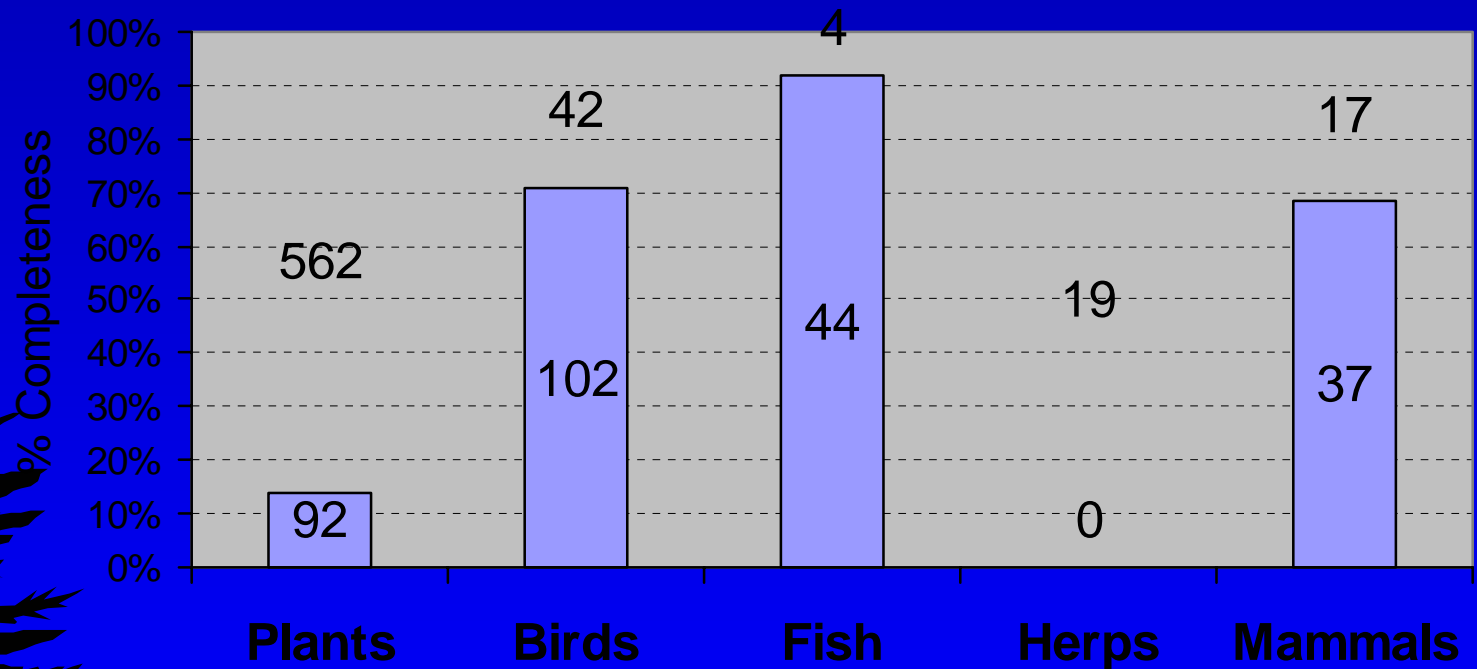
Ft. Laramie National Historic Site

Numbers in bar are documented species, numbers above bar are undocumented species.



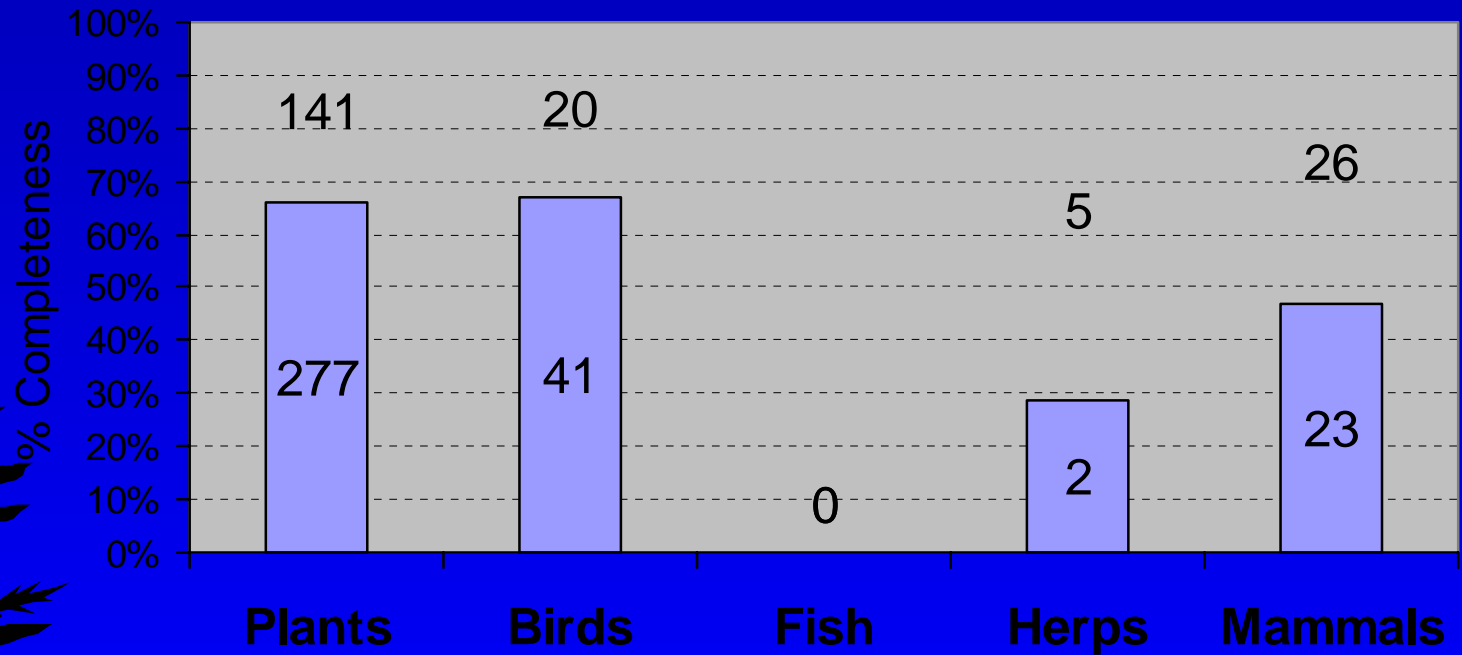
Ft. Union Trading Post NHS

Numbers in bar are documented species, numbers above bar are undocumented species.



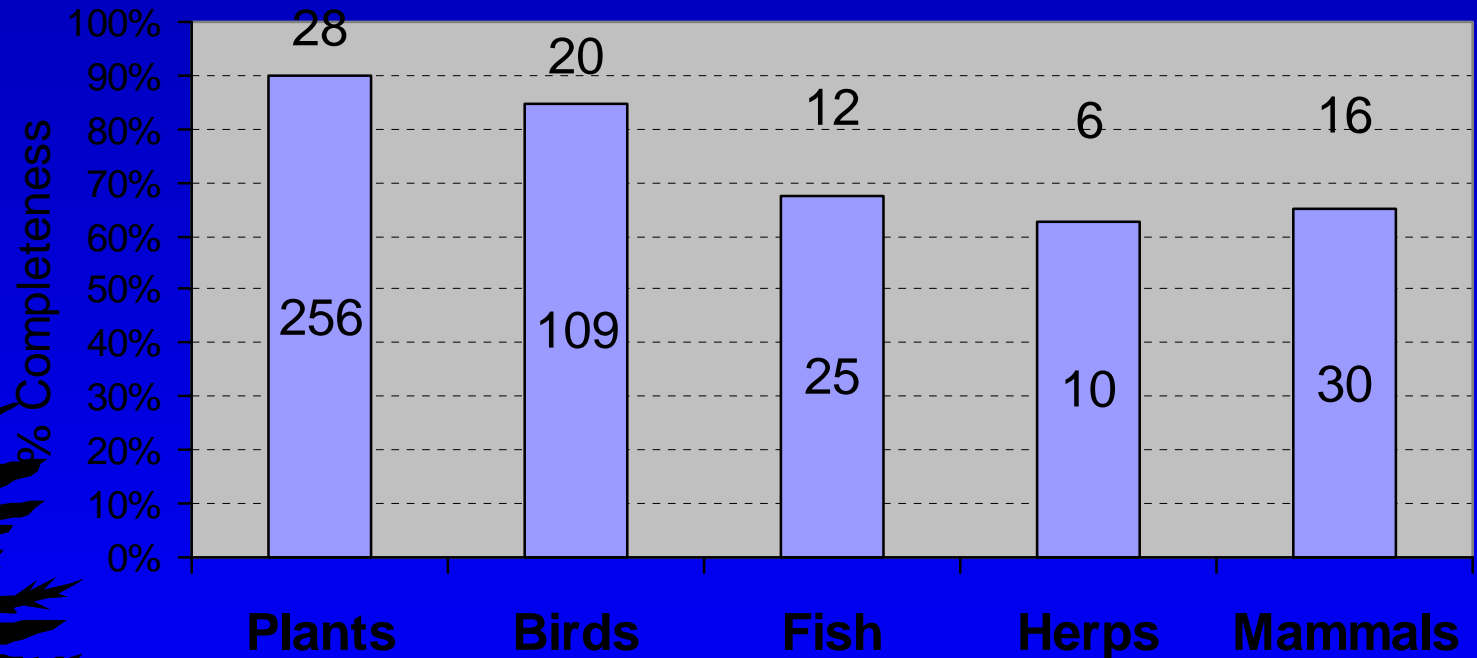
Jewel Cave National Monument

Numbers in bar are documented species, numbers above bar are undocumented species.



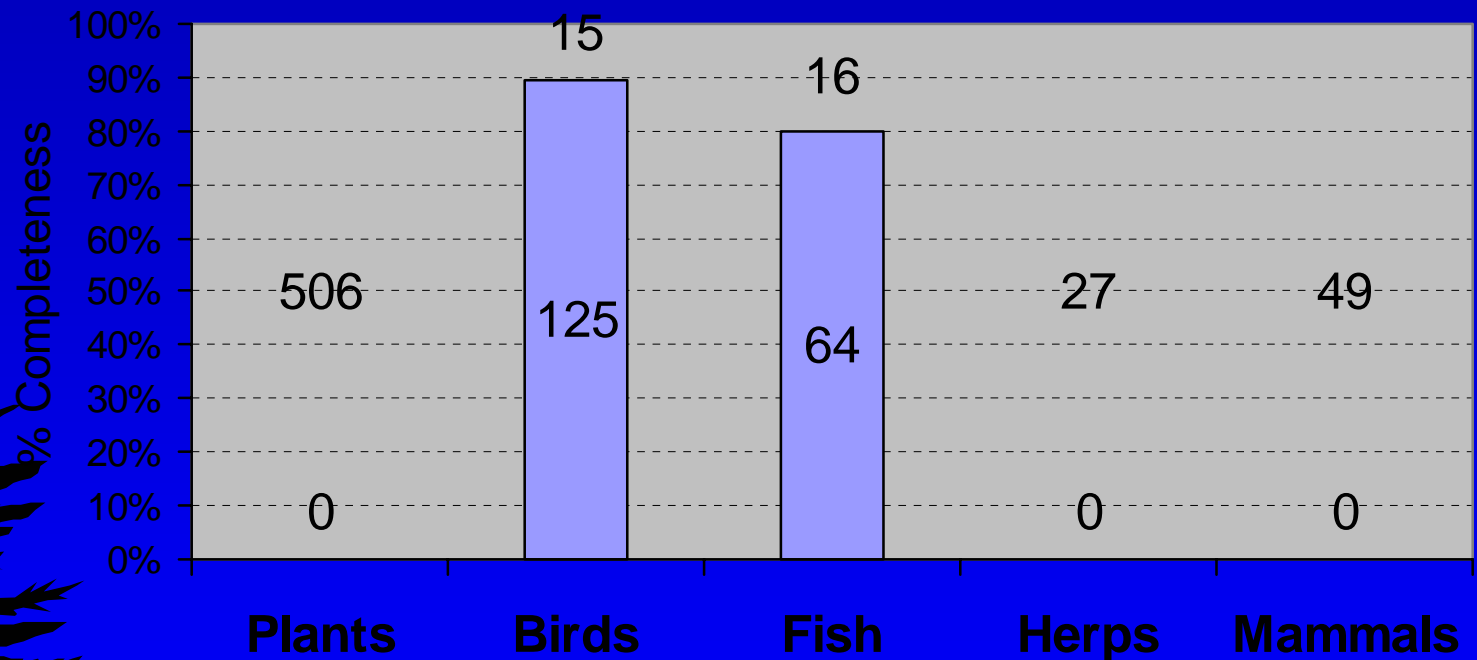
Knife River Indian Villages NHS

Numbers in bar are documented species, numbers above bar are undocumented species.



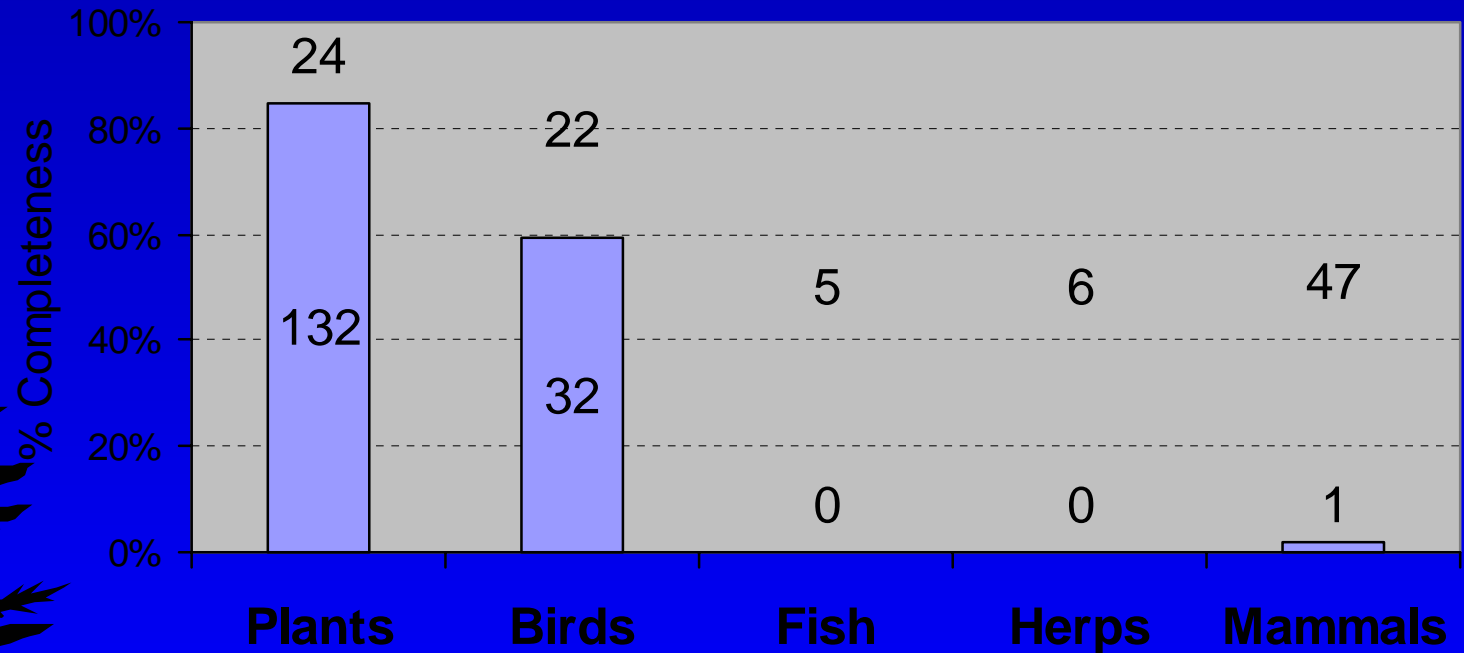
Missouri Nat. Rec. River

Numbers in bar are documented species, numbers above bar are undocumented species.



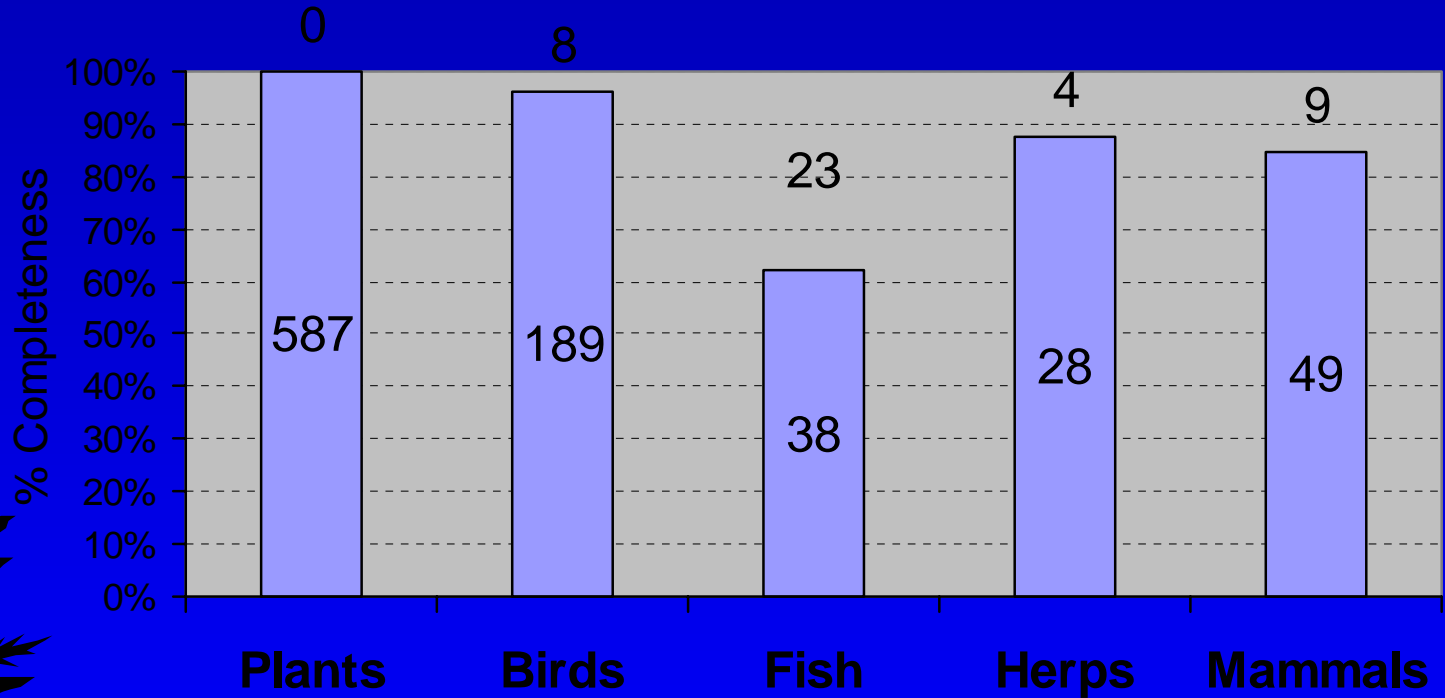
Mount Rushmore NM

Numbers in bar are documented species, numbers above bar are undocumented species.



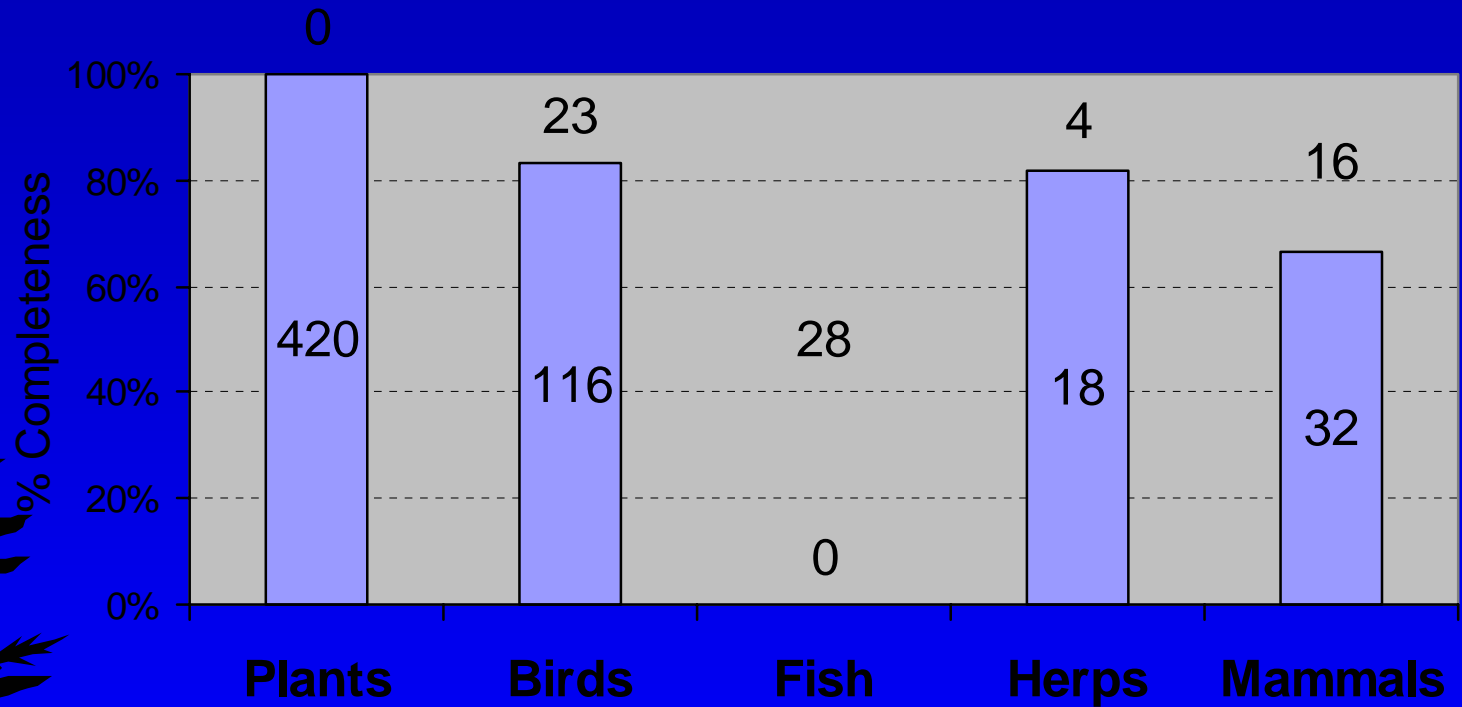
Niobrara NSR

Numbers in bar are documented species, numbers above bar are undocumented species.



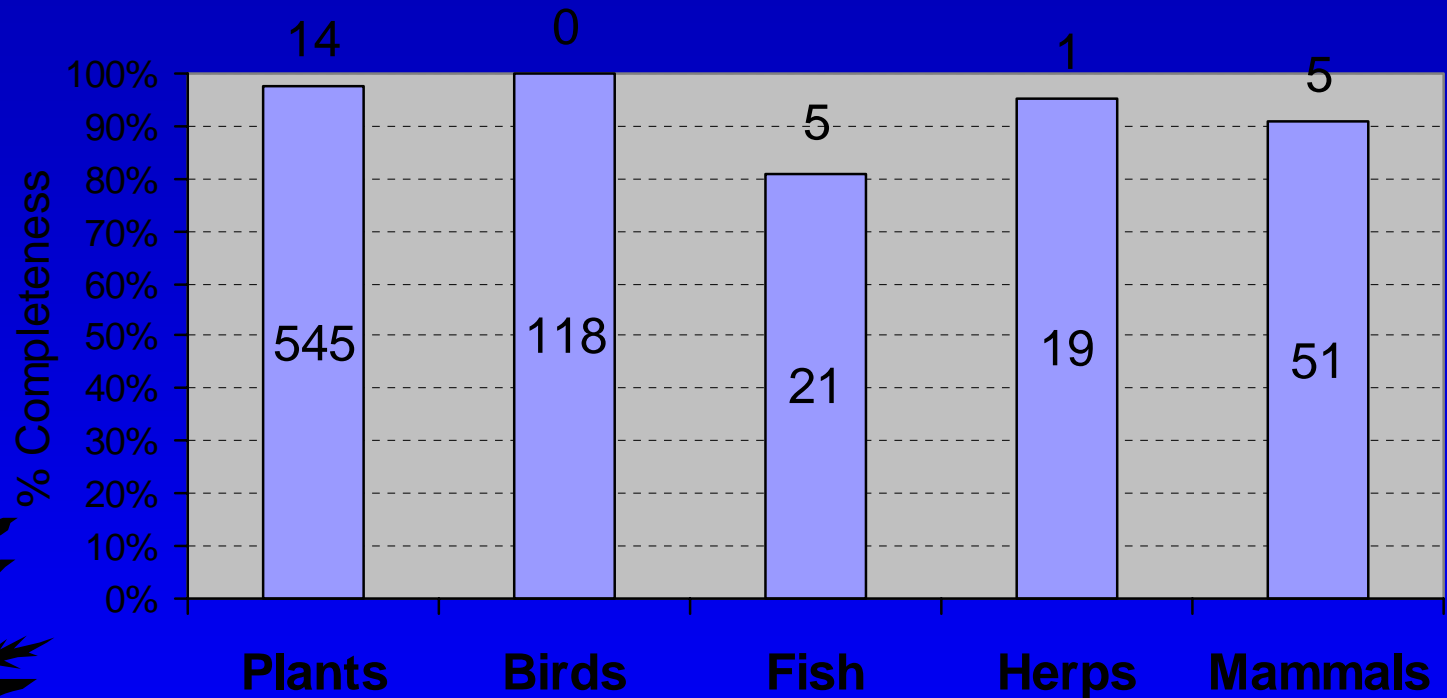
Scotts Bluff National Monument

Numbers in bar are documented species, numbers above bar are undocumented species.



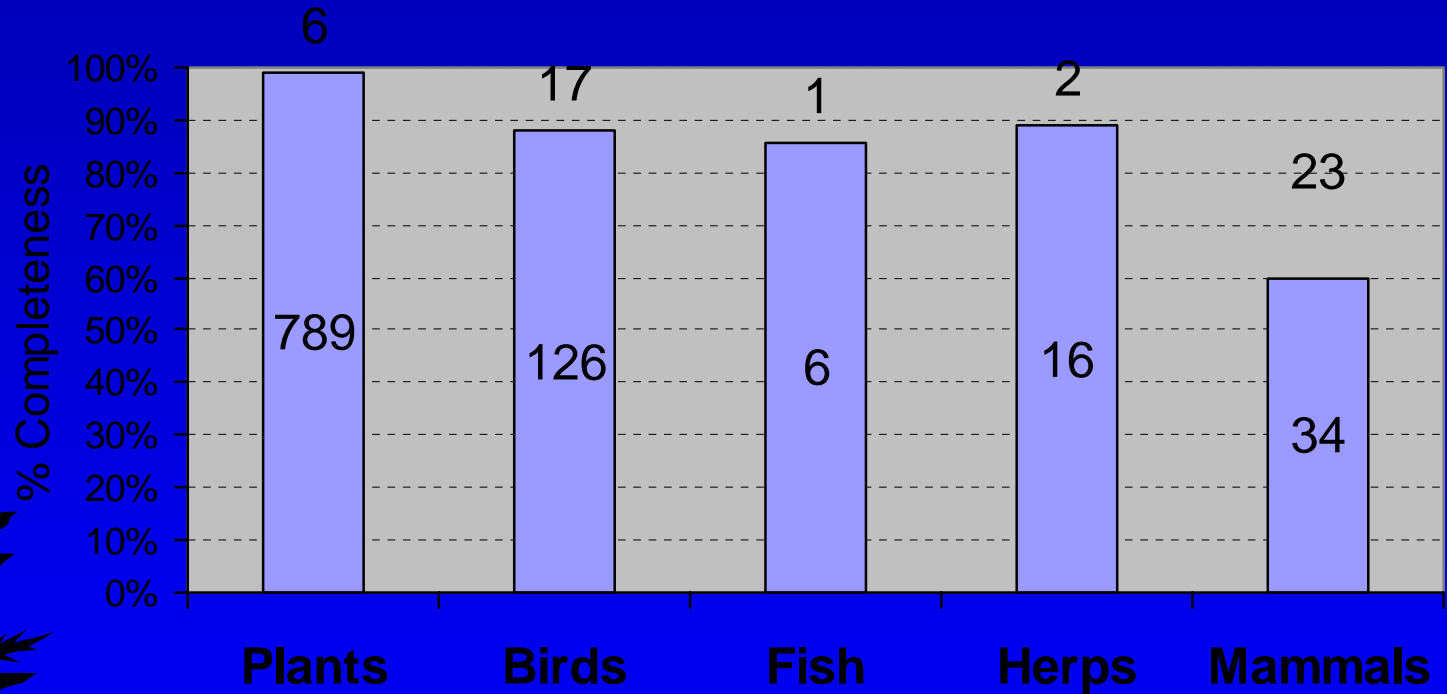
Theodore Roosevelt National Park

Numbers in bar are documented species, numbers above bar are undocumented species.



Wind Cave National Park

Numbers in bar are documented species, numbers above bar are undocumented species.



Contracts Completed as of 1/16/2002

- Expected plant species list for several parks completed by Cynthia Reed (\$2,250)
- Literature search for all parks completed by Gina Hupton (\$2,906)
- Sampling framework completed by Glen Sargeant of BRD (2,500)
- Wyoming NHP for records from FOLA and DETO (\$272)

Open Contracts as of 1/16/2002

- Search of museums for vertebrate specimens by Hugh Genoways (\$10,000 plus contribution from CESU)
- Fish inventory by Bob White of Montana Coop Unit. Field work completed, waiting for final report (\$12,766)

Tasks Completed as of 1/16/02

- 5,100 Records entered into NPSpecies online with another 2,300 to be uploaded.
- 2,500 records to be uploaded to NPBIB
- 12 records entered into Dataset Catalog
- Completed and submitted Study Plan
- Completed annual report

NORTHERN GREAT PLAINS NETWORK

INVENTORIES OF VASCULAR PLANTS AND VERTEBRATES



Black-tailed prairie dogs, Wind Cave National Park

STUDY PLAN
FY2001-2004

NATIONAL PARK SERVICE
September 30, 2001

Potential New Contracts in FY02

- Herp inventories (\$29,160)
- Mammal inventories (\$39,088)
- Plant inventories (\$15,405)
- Museum search for plant specimens (\$5,000)

Fish Inventories

- Field work at DETO, FOLA, MORU, SCBL, and WICA in 2001
- Final report expected within a few months

Herp Inventories

- To be conducted at DETO, FOLA, FOUS, JECA, KNRI, MNRR, MORU, and SCBL
- Methods consist of primarily of time/area searches. Some call surveys, cover boards, road surveys.
- In 2002 field work at all parks except MNRR. In 2003 at MNRR.

Mammal inventories

- To be conducted at AGFO, DETO, FOLA, FOUS, JECA, KNRI, MORU, MNRR, SCBL, and WICA
- Methods include trapping grids (e.g., snap traps, pitfall), mist nets and bat detectors, incidental observations.
- All methods at all parks in both 2002 and 2003 except WICA only in 2002.

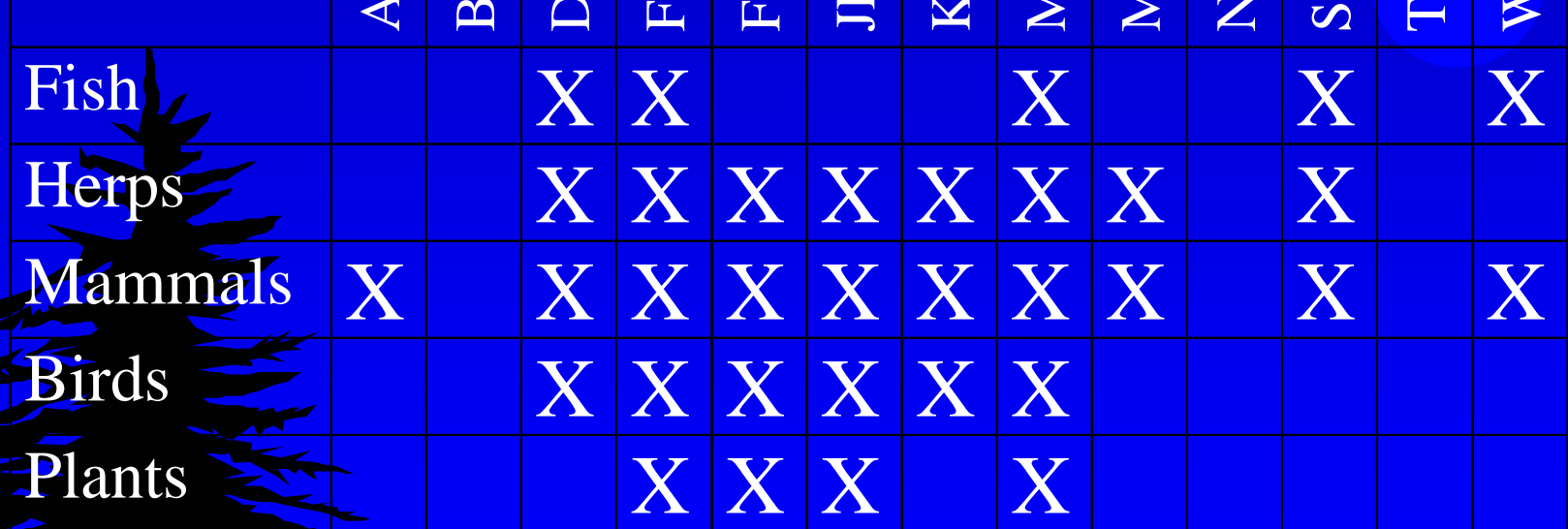
Bird inventories

- To be conducted at DETO, FOLA, FOUS, JECA, KNRI, and MORU.
- Methods consist of circular plots and searches of special habitats.
- All work to be conducted in 2003

Plant inventories

- To be conducted at JECA, MORU, FOLA, and FOUS.
- Plots stratified by USGS vegetative maps.
Searches of special habitats.
- In 2002 and 2003.

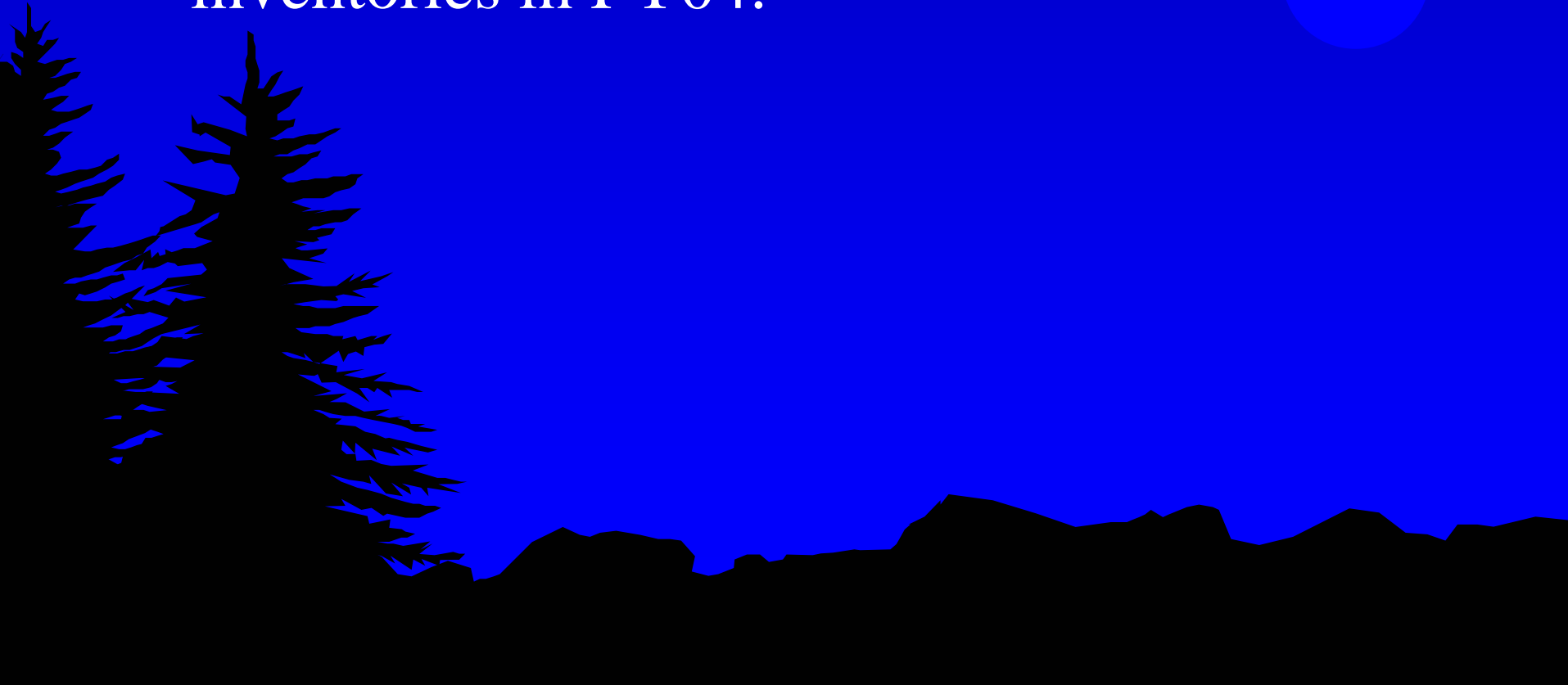
Table of field inventories



	AGFO	BADL	DETO	FOLA	FOUS	JECA	KNRI	MORU	MNRR	NIOB	SCBL	THRO	WICA
Fish			X	X				X			X		X
Herps			X	X	X	X	X	X	X		X		
Mammals	X		X	X	X	X	X	X	X		X		X
Birds			X	X	X	X	X	X					
Plants				X	X	X		X					

Contingency inventories

- Budget sets aside about \$70,000 for inventories in FY04.



Potential contingency projects

- Gaps in regards to reaching 90% objective
- Acquisition of new lands
- Special inventories not currently identified (e.g., for reintroductions).

Parks Currently Without Inventories

- BADL - rare plants; plants, birds, mammals in South Unit/Palmer Creek; targeted herps
- NIOB – veg map, east part of river
- THRO – rare plants, plants in Elkhorn Unit

Logistics

- Network Coordinator splits time 70:30 between Network duties and Regional Office biologist duties
- Network Biological (data) Technician started on 12/31/01
- Network transferring \$5,000 to BADL for administrative support

Monitoring Phase

- May get some startup funding in FY03; full implementation in FY04
- Need to establish Board of Directors and Charter prior to full funding
- Need to identify indicators, personnel, organizational structure, etc.
- Need monitoring plan

Goals for FY02 (in addition to field inventories, data entry, etc.)

- For Network Coordinator/Technician to get to visit Network parks.

